

HT

The Jumpstart on an Elite Career

High tech, complex cutting edge systems
and computers.



HULL MAINTENANCE TECHNICIANS (HT ATF) - (USN and TAR) do the metal work necessary to keep all types of shipboard structures and surfaces in good condition. They also maintain shipboard plumbing and marine sanitation systems, repair small boats, operate and maintain ballast control systems, and manage the Quality Assurance Program.

Active duty obligation is six years. Applicants will enlist for four years and concurrently execute an agreement to extend their enlistment for 24 months. Enlistee enters as an E-1 (Fireman recruit).

Advancement to E-2 (Fireman Recruit) will be made after successful completion of recruit training.

Advancement to paygrade E-3 (Fireman) will be made after completions of all advancement-in-rate requirements (including minimum time in rate) are completed. Advancement to E-3 and E-4 is contingent upon maintaining eligibility in the Advanced Technical Field.



What they do

The duties performed by HT ATF's include:

- Installing, maintaining and repairing valves, piping, plumbing system fittings and fixtures, and marine sanitation systems
- Repairing decks, structures and hulls by welding, brazing, riveting and caulking
- Examining, testing welds and various shipboard structures; using radiological, ultrasonic and magnetic particle testing equipment
- Fabricating with light and heavy gauge metal such as aluminum, stainless steel, sheet copper and brass, steel, sheet and corrugated iron
- Heat treating, hot and cold forming of metals
- Pipe cutting, threading and assembly
- Repairing installed ventilation ducting
- repairing metal, wood and fiberglass boats
- Installing and repairing insulation and lagging
- Operating marine sanitation systems

Credit Recommendations

The American Council on Education recommends that semester hour credits be awarded in the vocational certificate and lower-division bachelor's/associate's degree categories for courses taken in this rating on welding, plumbing, brazing and soldering.

Qualifications and Interests

An important qualification for people interested in the HT rating is the ability to use various hand tools, equipment, and metal forming and cutting machines. They also need good vision, manual dexterity, a good memory and resourcefulness. The ability to do detailed work and to work successfully in a team operation is helpful. Normal color perception is required. Writing, speaking and arithmetic skills, physical strength and the ability to keep records and do repetitive tasks are helpful. HT's must be U.S. citizens eligible for security clearance.

Working Environment

Hull Technicians work in a variety of situations at sea and ashore. Sometimes their work is performed indoors in a shop environment. Other times it may be performed outdoors, frequently at sea and in all kinds of climates and weather conditions. On some assignments, work environments may be noisy. USN HT's are stationed primarily aboard USN deploying ships, TAR HT's are stationed aboard Naval Reserve Force (NRF) ships that deploy or conduct local operations.

Opportunities

Entry opportunities are limited. Only highly qualified applicants have an opportunity for placement in this rating. Presently, more than 3,600 men and women work in the HT rating.

HULL MAINTENANCE TECHNICIAN
HT-ATF

NAVY
accelerate your life.

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Career Path After Recruit Training

Enlistees are taught the fundamentals of this rating through on-the-job training or formal Navy schooling. Advanced training is available in this rating during later stages of career development.

School	Present Location	Approximate Training Time	Subjects	Training Methods
Engineering Common Core	Great Lakes, IL	4 weeks	Introduction to technical documentation, basic mechanical theory.	Group and individualized instruction
Class "A" Technical School	Great Lakes, IL	12 weeks	Indoctrination, drafting, mathematics, angular line development, fundamentals of blueprint reading, Quality Assurance, hand tools, sheet metal work, knowledge and comprehension of welding, brazing, pipefitting, and cutting, metal identification, knowledge and comprehension of piping systems and measurements, shop safety, knowledge and comprehension of shipboard sanitation systems.	Group and individualized instruction

After completion of "A" School, HT-ATF's will be assigned to advanced welding schools or the Non-Destructive Test (NDT) field. After completion of training, HT-ATF's are assigned to ships of all types or shore stations in the United States or overseas. In a typical 20-year period in the Navy, HT's spend about 50 percent of their time on sea duty and about 50 percent on shore duty.

All personnel now receive sea pay at sea (E-1 to E-9)

**Related Civilian Jobs-Dept. of Labor
 Dictionary of Occupational Titles**

Metallurgical Technician	011.261-010
Radiographer	199.361-010
Sheet Metal Worker	804.281-010
Shipfitter	806.381-046
Welder, Combination	819.384-010
Plumber (Construction)	862.381-030

Since Navy programs and courses are revised at times, the information contained on this rating card is subject to change.

